AMENDMENTS TO THE CLAIMS:

This listing of claims will replace all prior versions, and listings, of claims in the application:

LISTING OF CLAIMS:

Claims 1 to 15 (Canceled).

16. (Currently Amended) The device of claim [[15]] 18, wherein the at least one signal processor receives at least one quantity generated by the at least one controller.

17. (Currently Amended) The device of claim [[15]] 18, wherein the at least one signal processor receives at least one of a quantity generated by the at least one measuring system and at least another quantity derived from the at least one measuring system.

18. (Currently Amended) [[The]] A device ~~of claim 15,~~ for monitoring at least one measuring system for detecting at least one measured quantity of an electric drive, including at least one controller for receiving the at least one measured quantity detected by the at least one measuring system and for generating at least one manipulated variable for controlling the electric drive, the device comprising:

at least one signal processor for detecting an error in the at least one measuring system;

wherein the at least one signal processor is operable for comparing a quantity characteristic of the error in the at least one measuring system with a limit value, and for generating an error signal indicating the error in the at least one measuring system as a function of the comparing.

19. (Currently Amended) [[The]] A device ~~of claim 15,~~ for monitoring at least one measuring system for detecting at least one measured quantity of an electric drive, including at least one controller for receiving the at least one measured quantity detected by the at least one measuring system and for generating at least one manipulated variable for controlling the electric drive, the device comprising:

at least one signal processor for detecting an error in the at least one measuring system;

wherein the at least one signal processor receives a measure of a change in a synchronous generated voltage of the electric drive as a characteristic quantity for the error in the at least one measuring system.

20. (Currently Amended) [[The]] A device of ~~claim 15,~~ for monitoring at least one measuring system for detecting at least one measured quantity of an electric drive, including at least one controller for receiving the at least one measured quantity detected by the at least one measuring system and for generating at least one manipulated variable for controlling the electric drive, the device comprising:

at least one signal processor for detecting an error in the at least one measuring system;

wherein a signal formed in at least one of a direct-axis current controller, a quadrature-axis current controller, and an integral component is sendable to the at least one signal processor as a quantity generated by the at least one controller.

21. (Previously Presented) The device of claim 18, wherein the limit value depends on at least one line parameter that causes a system deviation in the at least one controller.

22. (Currently Amended) The device of claim [[15]] 18, wherein a measuring system model generates at least one expected estimate for the at least one measuring system for providing error detection in the measuring system.

23. (Currently Amended) [[The]] A device ~~of claim 22,~~ for monitoring at least one measuring system for detecting at least one measured quantity of an electric drive, including at least one controller for receiving the at least one measured quantity detected by the at least one measuring system and for generating at least one manipulated variable for controlling the electric drive, the device comprising:

at least one signal processor for detecting an error in the at least one measuring system;

wherein a measuring system model generates at least one expected estimate for the at least one measuring system for providing error detection in the measuring system; and

wherein a reversing switch relays an error signal of the at least one signal processor as a function of the at least one expected estimate.

24. (Currently Amended) [[The]] A device ~~of claim 15,~~ for monitoring at least one measuring system for detecting at least one measured quantity of an electric drive, including at least one controller for receiving the at least one measured quantity detected by the at least one measuring system and for generating at least one manipulated variable for controlling the electric drive, the device comprising:

at least one signal processor for detecting an error in the at least one measuring system;

wherein the at least one signal processor is activatable as a function of at least one of a quantity generated by the at least one controller, and another quantity generated by the at least one controller when it assumes at least one of a certain value and a maximum allowed set point.

25. (Currently Amended) The device of claim [[15]] 18, wherein the at least one signal processor includes a comparator for generating [[an]] the error signal as a function of an output signal of the at least one measuring system and at least one expected estimate.

26. (Currently Amended) [[The]] A device ~~of claim 15, further comprising~~ for monitoring at least one measuring system for detecting at least one measured quantity of an electric drive, including at least one controller for receiving the at least one measured quantity detected by the at least one measuring system and for generating at least one manipulated variable for controlling the electric drive, the device comprising:

at least one signal processor for detecting an error in the at least one measuring system; and

a selector device for making a selection between a first error monitoring and a second error monitoring as a function of a selection quantity.

27. (Previously Presented) The device of claim 26, wherein the selector device makes a selection between the first error monitoring and the second error monitoring as a function of at least one expected estimate for the at least one measuring system.

28. (Previously Presented) The device of claim 22, wherein the measuring system model forms the at least one expected estimate as a function of at least one controller quantity that is at least one of generated by the at least one controller and a function of the at least one controller.

29. (Currently Amended) A device, comprising:

at least one measuring system configured to detect at least one measured quantity of an electric drive;

at least one controller configured to receive at least the measured quantity detected by the measuring system and to generate at least one manipulated variable to control the drive; and

at least one signal processor configured to detect errors in the measuring system, configured to compare a quantity characteristic of the error in the at least one measuring system with a limit value, and configured to generate an error signal that indicates the error in the at least one measuring system as a function of the comparison.